



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ronald A. Katz )  
Serial No.: 08/485,113 )  
Filed: June 7, 1995 ) Examiner: S. Woo  
For: MULTIPLE FORMAT TELEPHONIC ) Art Unit: 2608  
INTERFACE CONTROL SYSTEM )  
Docket No.: 9002-1B671US4 )  
(prev. 6646-108N4) )

A M E N D M E N T

707 Wilshire Blvd., 32nd Floor  
Los Angeles, CA 90017  
June 5, 1996

Assistant Commissioner  
for Patents  
Washington, D. C. 20231

Sir:

In response to the office action mailed September 18, 1996,  
please amend the above-identified application as follows:

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: March 18, 1997

Connie Kwon  
Connie Kwon

Please amend claims 18, 23, 27, and 29 as indicated below.

IN THE CLAIMS:

18. (Twice Amended) An interface control system for use  
with, (1) a communication facility including remote terminals for  
individual callers to make calls, wherein said remote terminals  
[may] comprise a [conventional] telephone [instrument] capability  
including voice communication means and some of said remote  
terminals [may further] comprise digital input means for  
providing data, [and] (2) a multiple port, multiple format  
processor for concurrently processing data from a substantial  
number of callers in any one of a plurality of formats, said  
communication facility automatically providing call data signals,  
as to indicate called data (DNIS), to select a particular format  
from said plurality of formats, and (3) a plurality of live  
operator attended terminals with prompting capability, for a  
plurality of formats, said interface control system comprising:  
call data means for receiving call data signals from  
said communication facility for a calling remote terminal  
indicative of calling number identification signals  
automatically provided by said communication facility;  
interface means for providing automated voice messages  
relating to a specific format to certain of said individual  
callers, wherein said certain of said individual callers  
digitally enter data through said digital input means;  
means for directly forwarding a call coupled to said  
interface means for forwarding a call from any one of said

25 remote terminals to one of said plurality of live operator  
26 attended terminals under control of said call data signals  
27 when said remote terminals do not have capability to  
28 digitally provide data;

29 means for processing coupled to said live operator  
30 attended terminals for processing caller information data  
31 entered by an operator at said live operator attended  
32 terminal; and

33 means for storing coupled to said interface means and  
34 said processing means for storing certain select data from  
35 said caller information data entered by said operator and  
36 data entered digitally by said individual callers.

1 23. (Amended) An interface control system for use with,  
2 (1) a communication facility including remote terminals for  
3 individual callers to make calls, wherein said remote terminals  
4 [may] comprise a [conventional] telephone [instrument] capability  
5 including voice communication means and some of said remote  
6 terminals [may further] comprise digital input means for  
7 providing data, [and] (2) a multiple port, multiple format  
8 processor for concurrently processing data from a substantial  
9 number of callers in any of a plurality of formats, said  
10 communication facility automatically providing call data signals,  
11 as to indicate called data (DNIS), to select a particular format  
12 from said plurality of formats, and (3) a plurality of live  
13 operator attended terminals with prompting capability, for a

14 plurality of formats, said interface control system comprising:  
15 interface means for receiving calling number  
16 identification signals automatically provided from said  
17 communication facility, and for providing automated voice  
18 messages relating to a specific format to certain of said  
19 individual callers, wherein said certain of said individual  
20 callers digitally enter data through said digital input  
21 means;

22 means for directly forwarding a call coupled to said  
23 interface means from any one of said remote terminals to one  
24 of said plurality of live operator attended terminals under  
25 control of said call data signals when said remote terminals  
26 do not have capability to digitally provide data;

27 means for processing coupled to said live operator  
28 attended terminals for processing caller information data  
29 entered by an operator at said live operator attended  
30 terminal; and

31 means for storing coupled to said interface means and  
32 said processing means for storing certain select data from  
33 said caller information data entered by said operator and  
34 data entered digitally by said individual callers.

1 27. (Amended) An interface and process control system of a  
2 multiple port, multiple format processor for concurrently  
3 processing data from a substantial number of callers in one of a  
4 plurality of formats for use with a telephonic communication

5 facility including remote terminals for individual callers,  
6 wherein said remote terminals [may] comprise a [conventional]  
7 telephone [instrument] capability including voice communication  
8 means and digital input means for providing data, said interface  
9 and process control system comprising:

10 call data means for receiving signal-represented call  
11 data from said remote terminals indicative of called number  
12 identification signals (DNIS) automatically provided by said  
13 telephonic communication facility;

14 selection means coupled to said call data means for  
15 selecting a select data format from said plurality of  
16 formats under control of said signal-represented call data  
17 indicative of called DNIS, said select data format having an  
18 imposed condition to execute certain operations of said  
19 select data format, one of said formats having an imposed  
20 condition for verifying an instant call from a remote  
21 terminal against a file to limit or prevent access to said  
22 one format from callers listed on said file and at least one  
23 of said plurality of formats having an imposed condition  
24 with respect to time;

25 test means coupled to said selection means for testing  
26 said imposed condition to provide approval signals; and

27 processing means coupled to said test means for  
28 executing certain operations of said select format under  
29 control of said approval signals.

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Vertical stamp: RECEIVED 11-13-66

29. (Amended) An interface control system for use with,  
a communication facility including remote terminals for  
individual callers to make calls, wherein said remote terminals  
comprise a telephonic instrument including voice communication  
means and some of said remote terminals [may further] comprise  
digital input means for providing data, and (2) a multiple port,  
multiple format processor for concurrently processing data from a  
substantial number of callers in any of a plurality of formats,  
said communication facility automatically providing call data  
signals, as to indicate called data (DNIS), to select a  
particular format from said plurality of formats, and (3) a  
plurality of live operator attended terminals with prompting  
capability, for a plurality of formats, said interface control  
system comprising:  
call data means for receiving signal-represented call  
data from said remote terminals indicative of called number  
identification signals (DNIS) automatically provided by said  
telephonic communication facility;  
interface means for providing automated voice messages  
relating to a specific format to certain of said individual  
callers, wherein said certain of said individual callers  
digitally enter data through said digital input means;  
means for directly forwarding certain of said calls  
coupled to said interface means from any one of said remote  
terminals to one of said plurality of live operator attended  
terminals under control of said call data signals when

27 necessary;

28 means for processing coupled to said live operator  
29 attended terminals for processing caller information data  
30 entered by an operator at said live operator attended  
31 terminal; and

32 means for transferring certain of said calls from said  
33 live operators to an automated system to receive processed  
34 data via a voice generator.

#### R E M A R K S

564030  
This amendment is submitted in response to the office action  
mailed September 18, 1997. By this amendment, claims 18, 23, 27,  
and 29 are amended. Reconsideration of this application is  
respectfully requested.

#### Discussion of the 35 U.S.C. § 112 Rejection of Claims 18-20 and 22-29

In paragraph 1 of the office action, claims 18-20 and 22-29  
are rejected under 35 U.S.C. § 112, second paragraph.

Specifically, with respect to claims 18, 23, 27, and 29, the  
Examiner indicated that the phrase "may comprise" is vague and  
indefinite. The claims recited conventional telephone  
instruments as an example, however, the claims are intended to  
cover any remote terminal with a telephonic capability. To that  
end, Applicant has amended each of claims 18, 23, and 27 to  
recite instead a telephone --capability--. With respect to claim

29, Applicant notes that it recites "a telephonic instrument." At line 5 of claim 29, Applicant has deleted the occurrence of "may further" comprise before "digital input means." Claims 18 and 23 are also amended to delete similar recitations in those claims.

Based on the above amendments to claims 18, 23, 27, and 29, allowance of claims 22-29 is respectfully requested.

#### Discussion of the Double Patenting Rejection

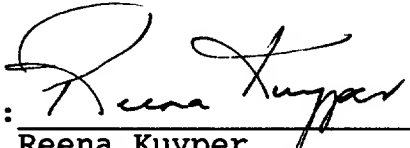
In paragraphs 2 and 3 of the office action, the Examiner rejected claims 18-20 and 22-29 under the judicially created doctrine of double patenting over claims 38-41 of U.S. Patent No. 4,845,739. Although the claims in this application are distinct, Applicant is providing a terminal disclaimer with this amendment to obviate the Examiner's double patenting rejection.

#### S U M M A R Y

Favorable consideration and allowance of claims 18-20 and 22-29 is respectfully requested. Also, as indicated in the Amendment submitted by Applicant on June 5, 1996, copies of Forms PTO-1449 already considered by the Examiner in parent application U.S. Serial No. 08/306,751 are provided with this amendment. New Forms PTO-1449 prepared for this application are also submitted with an accompanying information disclosure statement. Consideration of all these documents is respectfully requested.

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Respectfully submitted,

By:   
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